

RCBO Combined MCB and RCCB series BOLF, 1+N, 6kA, type AC



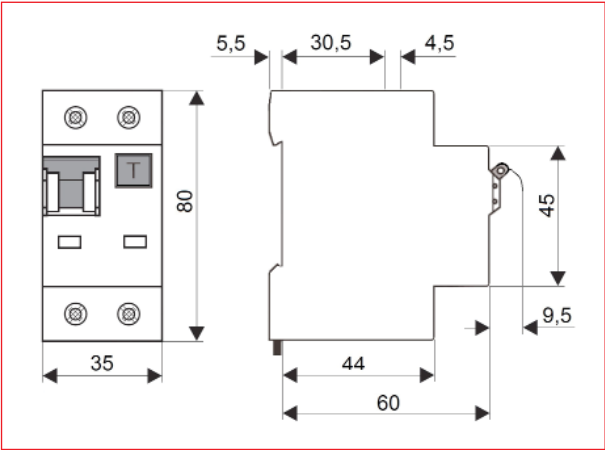
BO667516

Schrack-Info

- Sensitivity: AC (type AC)
- Tripping independent of line voltage
- Power connection directional
- Double terminal on the top and on the bottom with guide for secure terminal connection
- Indicator: blue: switch off default, white: switch off manual
- Contact position color indicator (red/green)

Standards:	IEC/EN 61009
Pole	1+N
Rated voltage Us:	230V-AC
Rated frequency:	50/60Hz
Rated current IΔn:	30mA, 300mA
Tripping-type:	AC, AC-sensitive
Delay-type:	undelayed
Surge current proof:	250A (8/20 μs)
Tripping:	line voltage-independent
Rated current In:	6 - 40A
Tripping characteristic:	B, C
Rated short-circuit capacity Icn:	6kA according EN 61009
Energy limiting class:	3
Max. back up fuse:	max. 100A gG/gL
Rated impulse withstand voltage Uimp:	4kV
Rated tripping temperature:	-25°C up to +40°C
Operating temperature:	-40°C up to +75°C
Calibrated for ambient temperature:	+30°C
Degree of protection:	IP 20 (covered IP40)
Operating position:	in any position
Endurance:	> 4.000 operating cycles (mechanical > 20.000)
Finger and hand touch safe:	acc. to BGV A3
Terminals:	Double clamp / lift terminal
Terminal cross-section:	1 - 25mm ²
Terminal width 1 MW:	17,8mm
Terminal tightening torque:	2 - 2,4Nm
Mounting:	on DIN rail by latching snap-on mounting

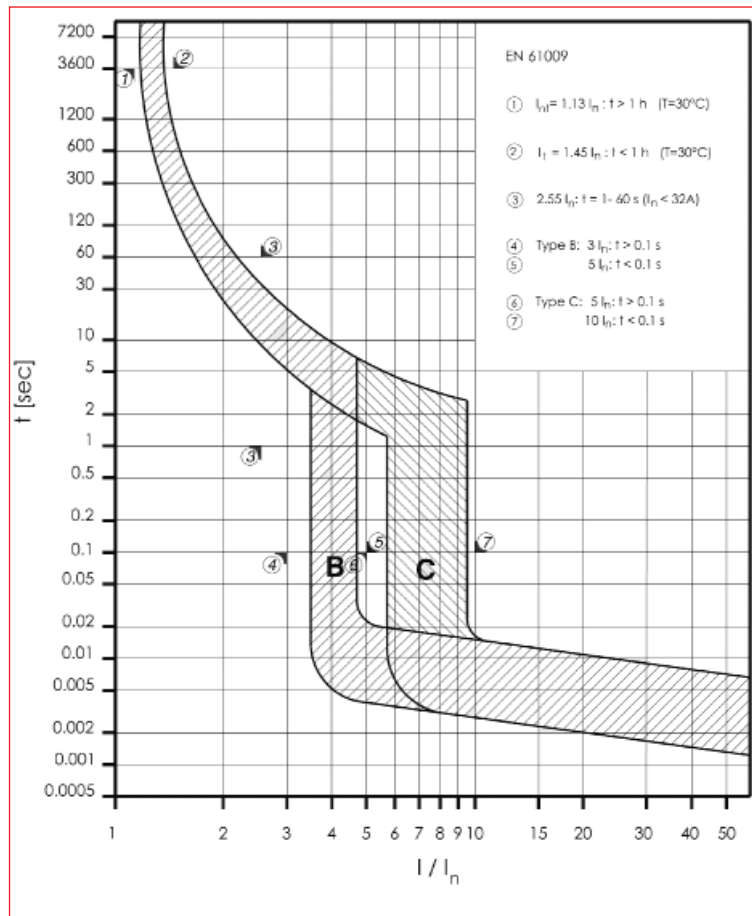
Dimensions



	Ambient temperature T (°C)																		
In [A]	-40	-30	-25	-20	-10	0	10	20	30	35	40	45	50	55	60	65	70	75	
6	7,7	7,5	7,4	7,2	7,0	6,7	6,5	6,3	6,0	5,9	5,8	5,7	5,6	5,4	5,3	5,2	5,1	5,0	
10	13	12	12	12	12	11	11	10	10	9,9	9,7	9,5	9,3	9,0	8,9	8,7	8,5	8,3	
16	20	20	20	19	19	18	17	17	16	16	15	15	15	14	14	14	14	13	
20	26	25	25	24	23	22	22	21	20	20	19	19	19	18	18	17	17	17	
25	32	31	31	30	29	28	27	26	25	25	24	24	23	23	22	22	21	21	
32	41	40	40	38	37	36	35	33	32	32	31	30	30	29	28	28	27	26	
40	51	50	49	48	47	45	43	42	40	39	39	38	37	36	35	35	34	33	

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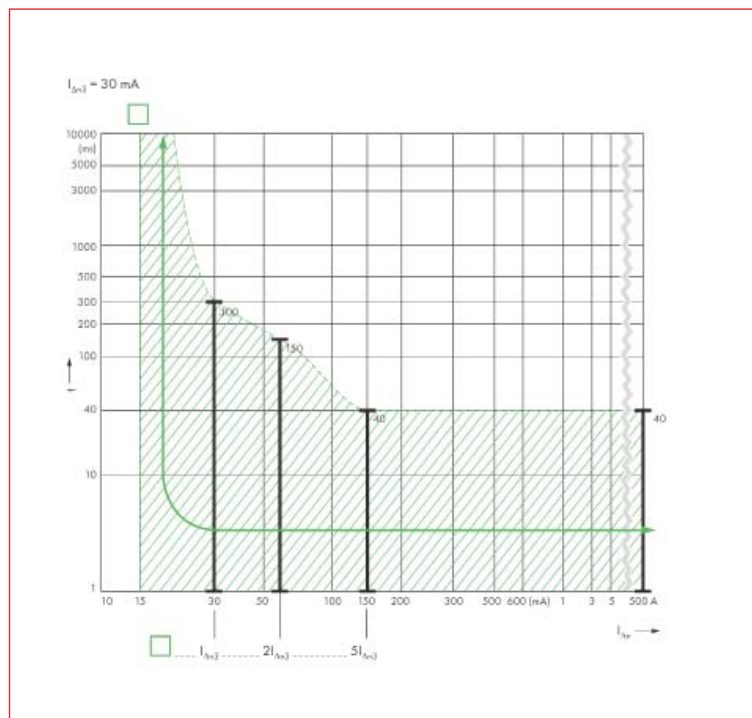
 Tripping characteristic



B-characteristic	
BOLF	
I_n [A]	P [W]
6	1,7
10	2,3
13	3,4
16	3,6
20	5,4
25	5,0
32	6,1
40	8,2

C-characteristic	
BOLF	
I_n [A]	P [W]
6	1,7
10	2,3
13	3,4
16	3,6
20	5,4
25	5,0
32	6,1
40	8,2

 Tripping characteristic undelayed



RCBO Combined MCB and RCCB 1+N, 6kA, type AC, 30mA



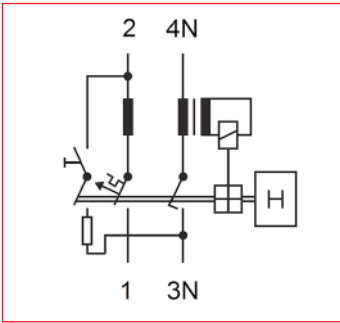
BO668516

Schrack-Info

Most common accessories:

- Auxiliary contact 1NO/1NC BM900001
- Busbar 16mm²/4-pole (L1, N, L2, N, L3, N,...) BS900123
- End cap 4-pole BS900117

Wiring diagram



DESCRIPTION	AVAILABLE	ORDER NO.
Characteristic B		
6A		BO668506
10A		BO668510
16A		BO668516
20A		BO668520
25A		BO668525
32A		BO668532
40A		BO668540
Characteristic C		
6A		BO667506
10A		BO667510
16A		BO667516
20A		BO667520
25A		BO667525
32A		BO667532
40A		BO667540

RCBO Combined MCB and RCCB 1+N, 6kA, type AC, 300mA



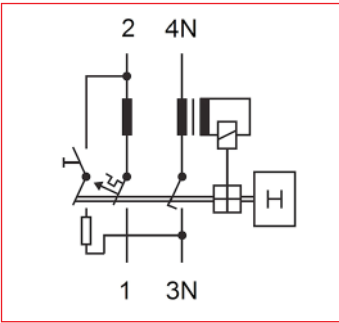
BO08675xx

Schrack-Info

Most common accessories:

- Auxiliary contact 1NO/1NC BM900001
- Busbar 16mm²/4-pole (L1, N, L2, N, L3, N,...) BS900123
- End cap 4-pole BS900117

Wiring diagram



DESCRIPTION	AVAILABLE	ORDER NO.
Characteristic C		
6A		BO867506
10A		BO867510
16A		BO867516
20A		BO867520

